



AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116 - EXPEDITED PROCEDURE

Serial Number: 09/237219

Filing Date: January 25, 1999

Title: SYSTEM, METHOD, AND SOFTWARE FOR INSERTING HYPERLINKS INTO DOCUMENTS

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IN THE CLAIMS

Please amend the claims as shown in the following detailed claim listing.

(Currently Amended) A method of automatically inserting hyperlinks into a document, comprising:

receiving one or more documents;

forms, with the predefined forms defined prior to receiving the one or more documents;

automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for content having one or more of the predefined forms; and

with each hyperlink having a URL including at least a portion of the content of the one or more of the marked portions and identifying a domain name associated with a computerized service for use in conducting a search based on the included portion of the content.

2. (Currently Amended) A method of automatically inserting hyperlinks into a document, comprising:

receiving one or more documents;

- a step for searching one or more documents—for content having one or more predefined

 forms, with the one or more predefined forms defined prior to receiving the one or

 more documents;
- a step for automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents—for content having the predefined forms; and
- a step for generating one or more hyperlinks with each hyperlink <u>having a URL</u> including at least a portion of the content of one or more of the marked portions





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and identifying a domain name associated with a computerized service for use in conducting a search based on the included portion of the content

- (Currently Amended) A computer system comprising: 3.
 - means for searching one or more received documents for content matching one or more predefined forms, with the one or more predefined forms defined prior to receipt of the documents:
 - means for automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for content having the one or more predefined forms; and
 - means for generating inserting one or more hyperlinks into one or more of the searched documents, with each hyperlink having a URL including at least a portion of the content of the one or more of the marked portions and identifying a domain name associated with a computerized service for use in conducting a search based on the included portion of the content
- 4. (Currently Amended) A computer system comprising: a processor;
 - a memory coupled to the processor, with the memory storing; storing:
 - a first set of instructions for searching one or more received documents for content having one or more predefined forms, with the one or more predefined forms defined prior to receipt of the one or more documents;
 - a second set of instructions for automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for dontent having the one or more predefined forms; and
 - a third set of instructions for generating inserting one or more hyperlinks into one or more of the searched doduments, with each hyperlink having a URL including at least a portion of the content of one or more of the marked portions of the documents and identifying a domain name associated with





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a computerized service for use in conducting a search based on the included portion of the content.

- 5. (Currently Amended) A computer-readable medium comprising:
 - a first set of instructions for searching one or more documents for content having one or more predefined forms;
 - a second set of instructions for automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for content having the one or more predefined forms; and
 - a third set of instructions for generating inserting one or more hyperlinks, with each hyperlink having a URL including at least a portion of the content of one or more of the marked portions and tentifying a domain name associated with a computerized service for use in conducting a search based on the included portion of the content.
- 6. (Currently Amended) An automated method of defining hyperlinks for a document, comprising:

automatically marking one or more portions of the document; and defining one or more hyperlinks for one or more of the marked portions of the document, with each hyperlink having a URL including at least a portion of a respective one of the marked portions of the document and a domain name identifying a computerized service for use in conducting a search based on the included portion.

- 7. (Previously Presented) The method of claim 6, wherein each hyperlink further includes account information for a user.
- 8. (Previously Presented) The method of claim 6, wherein each hyperlink further includes a domain name common to all the hyperlinks.



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9. (Original) The method of claim 6, wherein each hyperlink includes a domain name common to all the hyperlinks and information based on a syntactic or semantic analysis of at least a portion of one of the marked portions of the document.

10-13. (Canceled)

14. (Currently Amended) A method of defining hyperlinks in a computer system, comprising:

automatically marking a portion of a first document;

defining a hyperlink for the first document, with the hyperlink including a URL defined to point to one of at least two or more destinations based on one or more user preferences, with the URL including a domain name and content from the marked portion of the first document; and

associating the defined hyperlink with the marked portion of the first document.

- 15. (Currently Amended) The method claim 14:
 - wherein one or more of the user preferences includes information related to one or more preferred hyperlink destinations, or information related to cost, or information related to access time; and

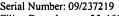
wherein defining the hyperlink includes <u>automatically</u> selecting the one destination based on the retrieved preferences.

- 16. (Canceled)
- 17. (Previously Presented) A method of automatically inserting hyperlinks into a document, comprising:

searching one or more documents;

automatically marking one or more portions of one or more of the documents based on results of searching the one or more documents; and





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hyperlink having a URL including at least a portion of one of the marked portions and a domain name identifying a computerized service for use in conducting a search based on the included portion.

18. (Canceled)

- 19. (Previously Presented) The method of claim 1, wherein the one or more predefined forms includes citations to printed publications.
- 20. (Previously Presented) The method of claim 1, wherein one or more of the marked portions includes a citation to a document, the citation including a volume identifier, a page identifier, and a publication identifier, and wherein at least one of the generated hyperlinks includes the volume, page, and publication identifiers.
- 21. (Previously Presented) A method of automatically inserting hyperlinks into a document, comprising:

searching one or more documents for content having one or more forms;

automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for content having one or more of the forms; and

generating one or more hyperlinks, with each hyperlink having a format based on the content of one or more of the marked portions of the documents, wherein one or more of the generated hyperlinks includes at least one query connector.

- 22. (Currently Amended) The method of claim 1 claim 21, wherein one or more of the generated hyperlinks further includes at least one search instruction.
- 23. (Previously Presented) A method of automatically inserting hyperlinks into a document, comprising:







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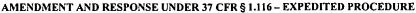
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searching one or more documents for content having one or more forms; automatically marking one or more portions of one or more of the searched documents based on results of searching the one or more documents for content having one or more of the forms; and generating one or more hyperlinks, with one or more of the generated hyperlinks including a search-method identifier.

- (Previously Presented) The method of claim 23, wherein the search-method identifier 24. identifies one of a natural-language search method and a boolean search method.
- 25. (Currently Amended) The method of claim 1, wherein one or more of the generated hyperlinks further includes account information for a user.
- (Previously Presented) The method of claim 1, wherein one or more of the hyperlinks 26. further includes information identifying a third-party sponsor for facilitating access to a document in a database associated with the one hyperlink.
- (Currently Amended) The method of claim 1, further comprising associating at least one 27. of the generated hyperlinks with at least one of the marked portions wherein inserting one or more hyperlinks comprises changing a font associated with one of the marked portions.
- (Currently Amended) The method of claim 27, wherein associating at least one of the 28. generated hyperlinks with at least one of the marked portions includes associating at least one of the generated hyperlinks with at least two of the marked portions wherein inserting one or more hyperlinks comprises changing a font color associated with one of the marked portions.
- 29. (Previously Presented) The method claim \(\frac{1}{4}\): wherein the one or more user preferences includes information related to cost; and wherein defining the hyperlink includes selecting the one destination based on cost.



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- 30. (Previously Presented) The method claim 14:

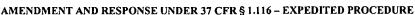
 wherein the one or more user preferences includes information related to access time; and wherein defining the hyperlink includes selecting the one destination based on access time.
- 31. (Previously Presented) The method of claim 14, wherein one of the two or more destinations is within the computer system and another of the two or more destinations is without the computer system.
- 32. (Previously Presented) The method of claim 14:

 wherein the marked portion includes a citation to a document, the citation including a

 volume identifier, a page identifier, and a publication identifier; and

 wherein the defined hyperlink includes the volume, page, and publication identifiers.
- 33. (Currently Amended) The method of claim 14, wherein the defined hyperlink includes at least one query connector.
- 34. (Previously Presented) The method of claim 14, wherein the hyperlink further includes at least one search instruction.
- 35. (Previously Presented) The method of claim 14, wherein the hyperlink identifies one of a natural-language search method and a boolean search method.
- 36. (Previously Presented) The method of claim 14, wherein the hyperlink further includes account information for a user.
- 37. (Previously Presented) The method of claim 14, wherein the hyperlink further includes information regarding a third-party sponsor for facilitating access to a document in a database associated with the one hyperlink.





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- 38. (Currently Amended) The method of claim 14, wherein associating at least one of the generated hyperlinks with at least one of the marked portions the hyperlink with the marked portion includes associating at least one of the generated hyperlinks the hyperlink with at least two of the marked portions.
- 39. (Currently Amended) The method of claim 17, further comprising associating at least one of the generated hyperlinks with at least one of the marked portions wherein inserting one or more hyperlinks comprises changing a font associated with one of the marked portions.
- 40. (Currently Amended) The method of claim 39, wherein associating at least one of the generated hyperlinks with at least one of the marked portions includes associating at least one of the generated hyperlinks with at least two of the marked portions changing the font associated with one of the marked portions comprises underscoring the one of the marked portions.
- 41. (Previously Presented) The method of claim 40, wherein associating at least one of the generated hyperlinks with at least one of the marked portions includes anchoring at least one of the generated hyperlinks to at least one of the marked portions.
- 42. (Previously Presented) The method of claim 17, wherein searching the one or more documents comprises searching for citations to other documents.
- 43. (Previously Presented) The method of claim 17, wherein searching the one or more documents comprises searching for citations to other documents.
- 44. (Previously Presented) The method of claim 17, wherein searching the one or more documents comprises searching for proper names.





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45. (Previously Presented) The method of claim 17:

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- wherein one or more of the marked portions include a citation to a document, with the citation including a page identifier and a publication identifier; and wherein at least one of the hyperlinks includes the page and publication identifiers.
- 46. (Previously Presented) The method of claim 17, wherein at least one of the hyperlinks includes at least one query connector.
- 47. (Previously Presented) The method of claim 17, wherein at least one of the hyperlinks identifies one of a natural-language search method and a boolean search method.
- 48. (Previously Presented) The method of claim 17, wherein at least one of hyperlinks further includes account information for a user.
- 49. (Previously Presented) The method of claim 17, wherein at least one of the hyperlinks further includes information regarding a third-party sponsor for facilitating access to a document in a database associated with the one hyperlink.
- 50. (Currently Amended) A method comprising:

 automatically marking one or more portions of legal citations in a document; and

 generating inserting one or more hyperlinks into the document, with each hyperlink

 associated with at least one of the marked portions legal citations and each

 hyperlink having a URL that includes a domain name for a legal research service

 and at least a portion of one of the marked portions legal citations.
- 51. (Canceled)
- 52. (Currently Amended) The method of elaim 51 claim 50, wherein one or more of the citations includes a page identifier and a publication identifier.







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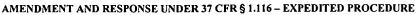
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- 53. (Currently Amended) The method of claim 50, wherein further including automatically marking one or more portions of a document comprises marking proper names in the document.
- 54. (Canceled)
- 55. (Previously Presented) The method of claim 50, wherein the URL for at least one of the hyperlinks includes at least one query connector.
- 56. (Previously Presented) The method of claim 50, wherein the URL for at least one of the hyperlinks identifies one of a natural-language search method and a boolean search method.
- 57. (Previously Presented) The method of claim 50, wherein the URL for at least one of the hyperlinks includes account information for a user.
- 58. (Currently Amended) The method of claim 50, wherein the URL for at least one of the hyperlinks includes information regarding a third-party sponsor for facilitating access to a document in a database associated with the one hyperlink—the legal research service.
- 59. (Previously Presented) The method of claim 50, wherein the URL does not identify a logical name for a document in a database.
- 60. (Currently Amended) A machine-readiable machine-readable medium comprising instructions-for implementing the method of claim 50 instructions for:

automatically marking one or more portions of a document; and

generating inserting one or more hyperlinks into the document, with each hyperlink associated with at least one of the marked portions legal citations and each hyperlink having a URL that includes a domain name for a legal research service and at least a portion of one of the marked portions legal citations.





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one or more portions of a document; and means for automatically marking one or more portions of a document; and means for generating inserting one or more hyperlinks into the document, with each hyperlink associated with at least one of the marked portions legal citations and each hyperlink having a URL that includes a domain name for a legal research service and at least a portion of one of the marked portions legal citations.

62. (New) A method comprising:

marking legal citations in a document, with each citation having a set of associated citation parameters including a title, volume, reporter, page number, court name, and date;

automatically inserting hyperlinks in the document, with each hyperlink associated with at least one of the marked citations and including a URL containing:

a domain name for a legal-research service; and at least one of the associated citation parameters.

63. (New) The method of claim 62, wherein the URL includes the associated volume, reporter, and page number of the associated one of the marked legal citation.

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